

Product datasheet for **AP55761PU-N**

MEKK1 (MAP3K1) pThr1402 Rabbit Polyclonal Antibody

Product data:

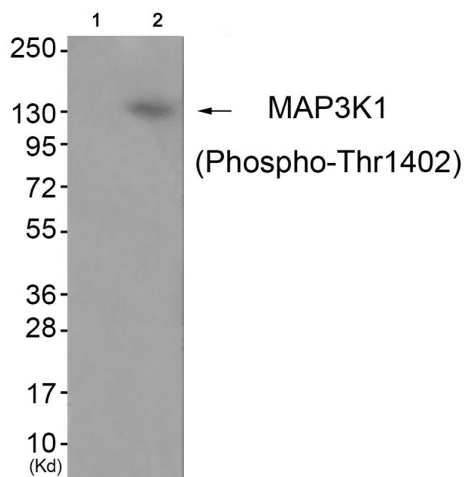
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Western blot: 1:500~1:1000. Immunohistochemistry on paraffin section: 1:50~1:100.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Peptide sequence around phosphorylation site of threonine 1402(T-G-A(p)-G-F) derived from Human MAP3K1 (KLH-conjugated)
Specificity:	The antibody detects endogenous levels of MAP3K1 only when phosphorylated at threonine 1402.
Formulation:	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Affinity chromatography using epitope-specific peptide
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	130 kDa
Gene Name:	mitogen-activated protein kinase kinase kinase 1
Database Link:	Entrez Gene 4214 Human Q13233
Background:	Component of a protein kinase signal transduction cascade. Activates the ERK and JNK kinase pathways by phosphorylation of MAP2K1 and MAP2K4. Activates CHUK and IKBKB, the central protein kinases of the NF-kappa-B pathway.



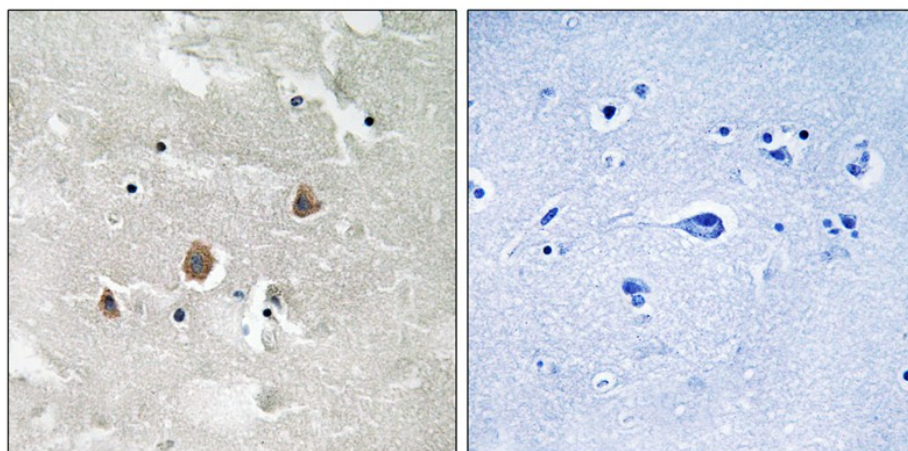
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Synonyms: MAPKKK1, MEKK, MEKK1, MAPK/ERK kinase 1

Product images:



Western blot analysis of extracts from JK cells (Lane 2), using MAP3K1 (Phospho-Thr1402) Antibody. The lane on the left is treated with antigen-specific peptide.



Immunohistochemical analysis of paraffin-embedded human brain tissue using MAP3K1 (Phospho-Thr1402) antibody (left) or the same antibody preincubated with blocking peptide (right).